

Thursday August 27 **Symposium 10**

Location: Room 1

Ecological genetics in the genomics era

Organizers: *Christopher W. Wheat, University of Helsinki, Finland*
Jay F. Storz, University of Nebraska, Lincoln, United States

09.45 - 10.15 JON SLATE (invited)
Ecological genomics, genetic architecture and microevolution in long-term studies of wild vertebrates

10.15 - 10.45 THOMAS LENORMAND (invited)
The fitness effect of mutations across environments

10.45 - 11.15 *Coffee break*

11.15 - 11.35 PAR K. INGVARSSON
The genetic basis of adaptations in bud phenology across a latitudinal gradient in European aspen (*Populus tremula*)

11.35 - 11.55 DIETHARD TAUTZ
Genomic approaches to study the ecological genetics of the house mouse

11.55 - 12.15 THOMAS L. TURNER
Population resequencing reveals local adaptation of *Arabidopsis lyrata* to serpentine soils

12.15 - 12.35 ANTI VASEMÄGI
Mapping of fitness related traits in the wild: insights from common garden experiments in Atlantic salmon

12.35 - 12.55 VERA DOMINGUES
Evolution, Genetics and Development of Adaptive Coloration in Beach Mice

12.55 - 13.55 *Lunch*